

Patent Application Attorney Docket No.PC11724G EXPRESS MAIL EV654805498US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express mail "Post Office to Addressee" in an envelope addressed to: P.O. Box 1450, Alexandria, VA 22313-1450, Atm: Technology Center Special Program Examiner on this 29th day of April, 2005.

Ву	(Signature of person mailing) Deanna L. Shields									
		(Typed or printed name of person)								
		IN TH	E UNITED STAT	ES PATENT	AND TRADEMARK OFFICE					
IN RE A	PPLICA'	ΓΙΟΝ OF:	Zheng J. Li, et al.	:						
APPLICA	ATION I	NO.: 10/652	2,933	:	Examiner: Unknown					
FILING	DATE:	August 28	, 2003	:	Group Art Unit: 1623					

Hon. Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

ATTN: Technology Center Special Program Examiner

TITLE: CRYSTAL FORMS OF AZITHROMYCIN

Sir:

PETITION TO MAKE SPECIAL UNDER 37 C.F.R. § 1.102

Applicants hereby request that the present application be made special for accelerated examination under 37 C.F.R. § 1.102 and M.P.E.P. § 708.02 (VIII).

REQUIREMENT OF M.P.E.P. § 708.02 (VIII)(A) - FEE

The commissioner is authorized to charge the fee set forth in 37 C.F.R. 1.17(h) in the amount of \$130.00 to our Deposit Account No. 16-1445 for consideration of the present petition. Therefore, Applicants have satisfied the requirement of M.P.E.P. § 708.02 (VIII)(A).

REQUIREMENT OF M.P.E.P. § 708.02 (VIII)(B) – SINGLE INVENTION

Applicants have concurrently filed a Second Preliminary Amendment canceling all pending claims without prejudice and added new claims 136-145 which are directed to pharmaceutical composition comprising substantially pure Form F and a pharmaceutically

acceptable carrier or diluents. Applicants respectfully submit that new claims 126-145 are directed to a single invention (a copy of new claims 126-145, together with a copy of the PCT claims are enclosed herein). However, if the Patent Office determines that all the claims presented are not obviously directed to a single invention, Applicants will make an election without traverse. Applicants respectfully submit that the requirements of M.P.E.P. § 708.02 (VIII)(B) have been met.

REQUIREMENT OF M.P.E.P. § 708.02 (VIII)(C) - PRE-EXAMINATION SEARCH

M.P.E.P. § 708.02 (VIII)(C) requires the submission of a statement on preexamination search. Applicants note that such requirement can be met by a search made by a foreign patent office if the claims in the corresponding foreign application are of the same or similar scope to the claims in the U.S. application for which special status is requested.

Applicants would like to point out that a search was made by the International Searching Authority/European Patent Office and the claims in the PCT application are of similar scope to the claims in the present U.S. application. For your convenience, a copy of the pending PCT claims is enclosed as well as copies of the PCT search report and the written opinion. Therefore, Applicants have satisfied the requirement of M.P.E.P. § 708.02 (VIII)(C).

REQUIREMENT OF M.P.E.P. § 708.02 (VIII)(D) - COPIES OF THE REFERENCES

The PCT search report cited the following nine references:

Ref. 1	EP 0298650A (Pfizer), January 11, 1989;
Ref. 2	EP 1103558A (Astur Pharma S A), May 30, 2001;
Ref. 3	WO 0100640A (Ludescher Jonannes), January 4, 2001;
Ref. 4	CA 2245398A (Motamedi M), February 21, 2000;
Ref. 5	WO 00 32203A Singer Claude), June 8, 2000;
Ref. 6	CN 1093370A (Jicai Medicine Research Inst B), October 12, 1994;
Ref. 7	Chemical Abstract No. 29525, Vol. 124, No. 3, January 15, 1996;

Ref. 8 WO 9804574A (Abbott Lab), February 5, 1998; and

Ref. 9 WO 0014099A (Kim Wan Joo), March 16, 2000.

All of the nine references, including their English translation where the references were published in foreign languages, were cited/submitted to the U.S. Patent Office in the Supplemental Information Disclosure Statement mailed on December 23, 2003. Therefore, the requirement of M.P.E.P. § 708.02 (VIII)(D) was satisfied, as all these references were already cited/submitted to the United States Patent and Trademark Office.

REQUIREMENT OF M.P.E.P. § 708.02 (VIII)(D) - DETAILED DISCUSSIONS

The references cited in the PCT search report were discussed in the enclosed PCT written opinion, a copy of which is enclosed herein. Applicants note that most of the references are related to azithromycin forms other than Form F. In addition, new claims 126-145 are directed to pharmaceutical compositions comprising substantially pure Form F and a pharmaceutically acceptable carrier or diluents. Therefore, Applicants have satisfied the requirement of M.P.E.P. § 708.02 (VIII)(D).

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CONCLUSION

Applicants respectfully submit that the present petition has satisfied all the requirements of M.P.E.P. § 708.02 (VIII)(A), (B), (C), (D) and (E). Accordingly favorable consideration of the present petition is respectfully requested.

It is believed that no fee, other than the \$130 fee set forth in 37 C.F.R. 1.17(h) is deemed necessary in connection with the filing of the present petition. However, if any other fees are required, the Commissioner is hereby authorized to charge any such fees to our Deposit Account No. 16-1445.

Date: 04/29/05

Respectfully submitted,

Lance Y. Liu

Attorney for Applicant(s)

Reg. No. 45,379

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Internation No PCT/IB 02/01570

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07H17/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ CO7H$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 298 650 A (PFIZER) 11 January 1989 (1989-01-11) cited in the application page 4 method B	1,2,15
P,A	EP 1 103 558 A (ASTUR PHARMA S A) 30 May 2001 (2001-05-30) page 4; table	1,2,15
A	WO 01 00640 A (LUDESCHER JOHANNES ;GARCIA RAFAEL (ES); BIOCHEMIE SA (ES); DIAGO J) 4 January 2001 (2001-01-04) page 10, line 26 - line 28	1,4,5, 8-13
X	CA 2 245 398 A (MOTAMEDI M., KARIMIAN K., APOTEX INC.) 21 February 2000 (2000-02-21) whole document	1,4,5, 8-13

X Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the International filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
1 October 2002	1. 1. 10. 02
Name and malling address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo ni, Fax: (+31–70) 340–3016	Authorized officer Klein, D

Interrit hal Application No
PCT/IB 02/01570

2 (0	No.) DOMESTIC CONCIDENCE TO SECURITION	PC1/1B 02/015/0
.(Continu ategory *	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
^	WO 00 32203 A (SINGER CLAUDE ;TEVA PHARMA (IL); ARONHEIM JUDITH (IL); TEVA PHARMA) 8 June 2000 (2000-06-08) cited in the application whole document	1,4,5,
	CN 1 093 370 A (JICAI MEDICINE RESEARCH INST B) 12 October 1994 (1994-10-12)	
(& CHEMICAL ABSTRACTS, vol. 124, no. 3, 15 January 1996 (1996-01-15) Columbus, Ohio, US; abstract no. 29525, abstract	1-15
(WO 98 04574 A (ABBOTT LAB) 5 February 1998 (1998-02-05) examples	1-15
A	WO 00 14099 A (KIM WAN JOO ;LEE KYOUNG IK (KR); LEE TAE SUK (KR); LEE GWAN SUN (K) 16 March 2000 (2000-03-16) the whole document	
	~	
		<u> </u>

PCT/IB 02/01570

Box I O	bservations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Interna	ational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. CI ci	laims Nos.: ecause they relate to subject matter not required to be searched by this Authority, namely:
be be	aims Nos.: cause they relate to parts of the International Application that do not comply with the prescribed requirements to such extent that no meaningful International Search can be carried out, specifically:
	aims Nos.: ecause they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II O	bservations where unity of invention is lacking (Continuation of item 2 of first sheet)
This interna	ational Searching Authority found multiple inventions in this international application, as follows:
s	ee additional sheet
1. X As	all required additional search fees were timely paid by the applicant, this International Search Report covers all archable claims.
2. As	all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment any additional fee.
3. As co	only some of the required additional search fees were timely paid by the applicant, this International Search Report vers only those claims for which fees were paid, specifically claims Nos.:
4. No No res	required additional search fees were timely paid by the applicant. Consequently, this International Search Report is stricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on	Protest The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1(part), 2, 15

Crystals of azithromycin obtained in non polar solvents: monohydrate monocyclohexane solvate of azithromycin (form D). monomonomethyl tertiobutyl ether solvate of azithromycin (form R).

2. Claims: 1(part), 3, 14

Crystals of azithromycin obtained in the presence of THF: monohydrate monotetrahydrofuran solvate of azithromycin (form E).
monohydrate hemitetrahydrofuran solvate of azithromycin (form Q).

3. Claims: 1(part), 4, 5, 8-13

Crystals of azithromycin consisting in alcohol solvates: Forms F, H, J, M, N, O, P.

4. Claims: 6, 7

Crystals of azithromycin obtained in the sesquihydrate form: (form G).

Information on patent family members

International Application No
PCT/IB 02/01570

					C1/18	02/015/0
Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0298650	A	11-01-1989	WO APT AU BBCCCCDDEKPSIRKUELN JPPRVXZATOGIUSUA	604553 1883988 98213 47348 1314876 1030422 8804896 1776 271705 3868296 380688 0298650 2038756 900087 3003737 127594 9500738 60354 86979 168879 1038096 1903527 6031300 9006218 10624 12213 225338 8743	AT B2 AB1 A3 A1 A2 A5 D1 A A2 A5 BA AA AA AB B1 AB1 B1 A1 AB1 B1 B1 B1 B1 B1 B1 B1	26-01-1989 27-07-1989 15-02-1992 20-12-1990 12-01-1989 02-08-1999 15-06-1990 23-03-1993 18-01-1989 14-03-1990 20-10-1995 13-09-1989 19-03-1992 10-01-1989 11-01-1989 01-08-1993 08-01-1990 16-03-1993 25-11-1994 28-11-1995 29-06-1991 08-02-1995 27-04-1994 25-08-1990 20-04-1995 01-05-1993 26-02-1990 31-03-1989 30-10-1993 14-10-1994 31-12-1996 10-09-1996 31-07-2001 28-02-1990 28-02-1990
EP 1103558	A	30-05-2001	EP EP JP PL TR US	1103558 1234833 2001187797 344101 200003474 6451990	A2 A A1 A2	30-05-2001 28-08-2002 10-07-2001 04-06-2001 23-07-2001 17-09-2002
WO 0100640	A	04-01-2001	AU WO EP	5820400 0100640 1189915	A1	31-01-2001 04-01-2001 27-03-2002
CA 2245398	Α		NONE			
WO 0032203	A	08-06-2000	AU BG CN CZ EP	3106500 105547 1334735 20011886 1152765	A T A3	19-06-2000 31-12-2001 06-02-2002 17-10-2001 14-11-2001

Information on patent family members

International Application No PCT/IB 02/01570

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0032203	Α		LV	12735 A	20-10-2001
			LV	12735 B	20-03-2002
			PL	347971 Al	06-05-2002
			SI	20639 A	28-02-2002
			WO	0032203 A1	08-06-2000
			US	2002007049 A1	17-01-2002
CN 1093370	Α	12-10-1994	CN	1114960 A ,	B 17-01-1996
WO 9804574	Α	05-02-1998	US	5844105 A	01-12-1998
			AU	733646 B2	17-05-2001
			AU	3740597 A	20-02-1998
			EP	0915899 A1	19-05-1999
	•		JP	2002514171 T	14-05-2002
			MO	9804574 A1	05-02-1998
WO 0014099	A	16-03-2000	EP	1112280 A1	04-07-2001
			JP	2002524465 T	06-08-2002
			MO	0014099 A1	16-03-2000

PATENT COOPERATION TREATY

From the INTERNATIONAL PRELIMINARY EX	AMINING AUTHORN	гү	DCT	
To: LUMB, Trevor J. PFIZER Inc 201 Tabor Road, Morris New Jersey 07950 ETATS-UNIS D'AMERIQUE	÷	r	WRITTEN OPINION (PCT Rule 66)	
		Date of mailing (day/month/year)	04/03/2003	
Applicant's or agent's file reference PC11724ABCZ		REPLY DUE	within 1 / 00 months/days	
International application No.	International filing date		Priority date (day/month/year)	-
PCT/IB 02/01570	01/05/2002			
International Patent Classification (IPC) or		on and IPC	22/05/2001	
	C07H17/08			
Applicant	00/11//08		<u> </u>	
PFIZER PRODUCTS INC.et	al.			
1. This written opinion is the first drawn u	p by this International P	reliminary Examining	Authority.	_
2. This opinion contains indications relating				
I X Basis of the opinion	•		*	
II Priority				
III X Non-establishment of opini	on with regard to novelty	inventive sten and inc	hamial analises are	
		·	assia applicatility	
IV X Lack of unity of invention V X Reasoned statement under Figure citations and explanations st	Rule 66.2(a)(ii) with regar	d to novelty, inventive	step or industrial applicability;	
VI Certain documents cited	-FF-1-216 same same incline			
VII Certain defects in the internal	ntional application			•
3. The applicant is hereby invited to reply to When? See the time limit indicated about o grant an extension, see Rule How? By submitting a written reply, For the form and the language	ove. The applicant may, b 66.2(d).	oprinte by smand		
Also For an additional opportunity to For the examiner's obligation to For an informal communication	o consider amendments a	nd/or arguments on I	Rule 66.4 <i>bis</i> .	
If no reply is filed, the international preli	minary examination repo	rt will be established o	n the basis of this opinion.	
. The final date by which the international personal report must be established as	oreliminary cording to Rule 69.2 is:	22/09/2	2003	
ume and mailing address of the IPEA/		uthorized officer	S COES PAIR TO	
European Patent Office D-80298 Munich	E	xaminer		E CO
Tel. (+49-89) 2399-0, Tx: 523656 (Fax: (+49-89) 2399-4465	i) (ii	ormalities officer ncl. extension of time li el. (+49-89) 2399 282	mits)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
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Form PCT/IPEA/408 (cover sheet) (march 2002)

I. Basis of the opinion

The basis of this written opinion is the application as originally filed.

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

If all the additional search fees, which the applicant has been invited to pay, have not been paid, then all the inventions or groups of inventions corresponding to the unpaid fees will not have been searched. This means that the question of whether the claimed invention appears to be novel, to involve an inventive step, or to be industrially applicable has not been and will not be the subject of the international preliminary examination in respect of the claims corresponding to these inventions or groups of inventions (Article 17(3)(a) and Rule 66.1(e) PCT; see also international search report).

IV. Lack of unity of invention

The objection as to lack of unity raised in the international search report is maintained. The reasons for the objection are the same as those indicated in the international search report.

- V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability
- 1. To the extent that the international preliminary examination has been carried out (see item III above), the following is pointed out:
- 2. In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims, which have been the subject of an international search report, does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).
- 3. If amendments are filed, the applicant should comply with the requirements of Rule 66.8 PCT and indicate the basis of the amendments in the documents of the application as originally filed (Article 34 (2) (b) PCT) otherwise these amendments may not be taken into consideration for the establishment of the international preliminary examination report. The attention of the applicant is drawn to the fact that if the application contains an unnecessary plurality of independent claims, no examination of any of the claims will be carried out.
- NB: Should the applicant decide to request detailed substantive examination, then an international preliminary examination report will normally be established directly. Exceptionally the examiner may draw up a second written opinion, should this be explicitly requested.



AMENDMENTS TO THE CLAIMS

- 1 125. (Canceled).
- 126. (NEW) A pharmaceutical composition comprising substantially pure Form F and a pharmaceutically acceptable carrier or diluents.
- 127. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F is characterized as containing 2-5% water and 1-5% ethanol by weight in a powder sample.
- 128. (NEW) The pharmaceutical composition of claim 127, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum comprising at least one peak with chemical shift of about 179.5 ppm.
- 129. (NEW) The pharmaceutical composition of claim 128, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 178.6 ppm.
- 130. (NEW) The pharmaceutical composition of claim 129, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 58.0 ppm.
- 131. (NEW) The pharmaceutical composition of claim 130, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 17.2 ppm.
- 132. (NEW) The pharmaceutical composition of claim 131, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 10.1 ppm.
- 133. (NEW) The pharmaceutical composition of claim 132, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 9.8 ppm.

- 134. (NEW) The pharmaceutical composition of claim 133, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 9.3 ppm.
- 135. (NEW) The pharmaceutical composition of claim 134, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 7.9 ppm.
- 136. (NEW) The pharmaceutical composition of claim 135, wherein said substantially pure Form F is characterized as having a ¹³C solid state NMR spectrum further comprising a peak with chemical shifts of about 6.6 ppm.
- 137. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 82% or more by weight of form F azithromycin.
- 138. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 84% or more by weight of form F azithromycin.
- 139. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 86% or more by weight of form F azithromycin.
- 140. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 88% or more by weight of form F azithromycin.
- 141. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 90% or more by weight of form F azithromycin.
- 142. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 94% or more by weight of form F azithromycin.
- 143. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 96% or more by weight of form F azithromycin.

- 144. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 98% or more by weight of form F azithromycin.
- 145. (NEW) The pharmaceutical composition of claim 126, wherein said substantially pure Form F comprises 99% or more by weight of form F azithromycin.

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CLAIMS

What is claimed is:

- 1. A crystalline form of azithromycin selected from the group consisting of forms D, E, substantially pure F, substantially pure G, H, J, M substantially in the absence of azithromycin dihydrate, N, O, P, Q, and R.
- A crystalline form of azithromycin according to claim 1 wherein said form is form D
 and is further characterized as having a 13C solid state NMR spectrum having a
 peaks with chemical shifts of about 178.1 ppm, 103.9 ppm, 95.1 ppm, 84.2 ppm, 10.6
 ppm, 9.0 ppm and 8.6 ppm.
- 10 3. A crystalline form of azithromycin according to claim 1 wherein said form is form E.
 - 4. A crystalline form of azithromycin according to claim 1 wherein said form is substantially pure form F and is further characterized as having a 13C solid state NMR spectrum having a peaks with chemical shifts of about 179.5 ppm, 178.6 ppm, 58.0 ppm, 10.1 ppm 9.8 ppm, 9.3 ppm, 7.9 ppm and 6.6 ppm.
- 15 5. A crystalline form of azithromycin according to claim 4 wherein said azithromycin comprises 90% or more by weight of form F azithromycin.
 - 6. A crystal form according to claim 1 wherein said form is substantially pure form G and is further characterized as having a 13C solid state NMR spectrum having a peaks with chemical shifts of about 179.5 ppm, 10.4 ppm, 9.9 ppm, 9.3 ppm, 7.6 ppm and 6.5 ppm.
 - 7. A crystalline form of azithromycin according to claim 6 wherein said azithromycin comprises 90% or more by weight of form G azithromycin.
- 8. A crystal form according to claim 1 wherein said form is form H and is further characterized as having a 13C solid state NMR spectrum having a peaks with chemical shifts of about 179.5 ppm, 178.7 ppm, 9.9 ppm, 9.1 ppm, 7.9 ppm and 7.0 ppm.
 - 9. A crystal form according to claim 1 wherein said form is form J and is further characterized as having a 13C solid state NMR spectrum having a peaks with chemical shifts of about 179.6 ppm, 178.4 ppm, 25.2 ppm, 11.5 ppm, 10.0 ppm, 9.3 ppm, 8.1 ppm and 6.8 ppm.

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- 10. A crystal form according to claim 1 wherein said form is form M substantially in the absence of azithromycin dihydrate and is further characterized as having a 13C solid state NMR spectrum having a peaks with chemical shifts of about 179.6 ppm, 41.9 ppm, 26.0 ppm, 16.3 ppm, 10.3 ppm, 9.6 ppm, 9.3 ppm, 7.7 ppm and 7.1 ppm.
- 5 11. A crystal form according to claim 1 wherein said form is form N and is further characterized as having a 13C solid state NMR spectrum having a peaks with chemical shifts of about 179.6 ppm, 178.7 ppm, 105.6 ppm, 58.1 ppm, 26.0 ppm, 9.9 ppm, 9.4 ppm, 7.9 ppm, and 6.6 ppm.
 - 12. A crystal form according to claim 1 wherein said form is form O.
- 10 13. A crystal form according to claim 1 wherein said form is form P.

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- 14. A crystal form according to claim 1 wherein said form is form Q.
- 15. A crystal form according to claim 1 wherein said form is form R and is further characterized as having a 13C solid state NMR spectrum having a peaks with chemical shifts of about 177.9 ppm, 103.6 ppm, 95.3 ppm, 10.3 ppm, 9.6 ppm, 8.9 ppm, and 8.6 ppm.